

Interconnected Fabric Module

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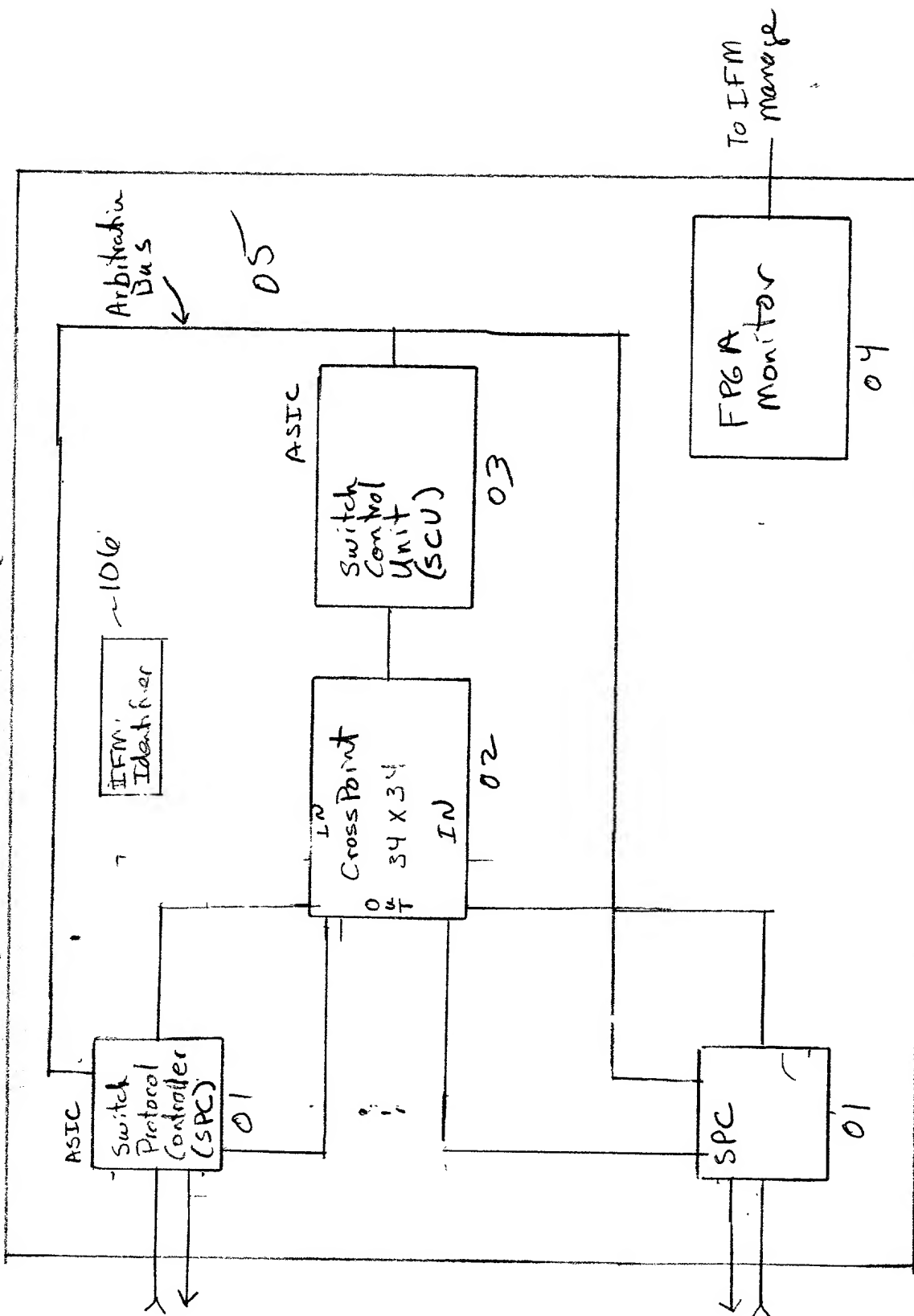


Fig 1

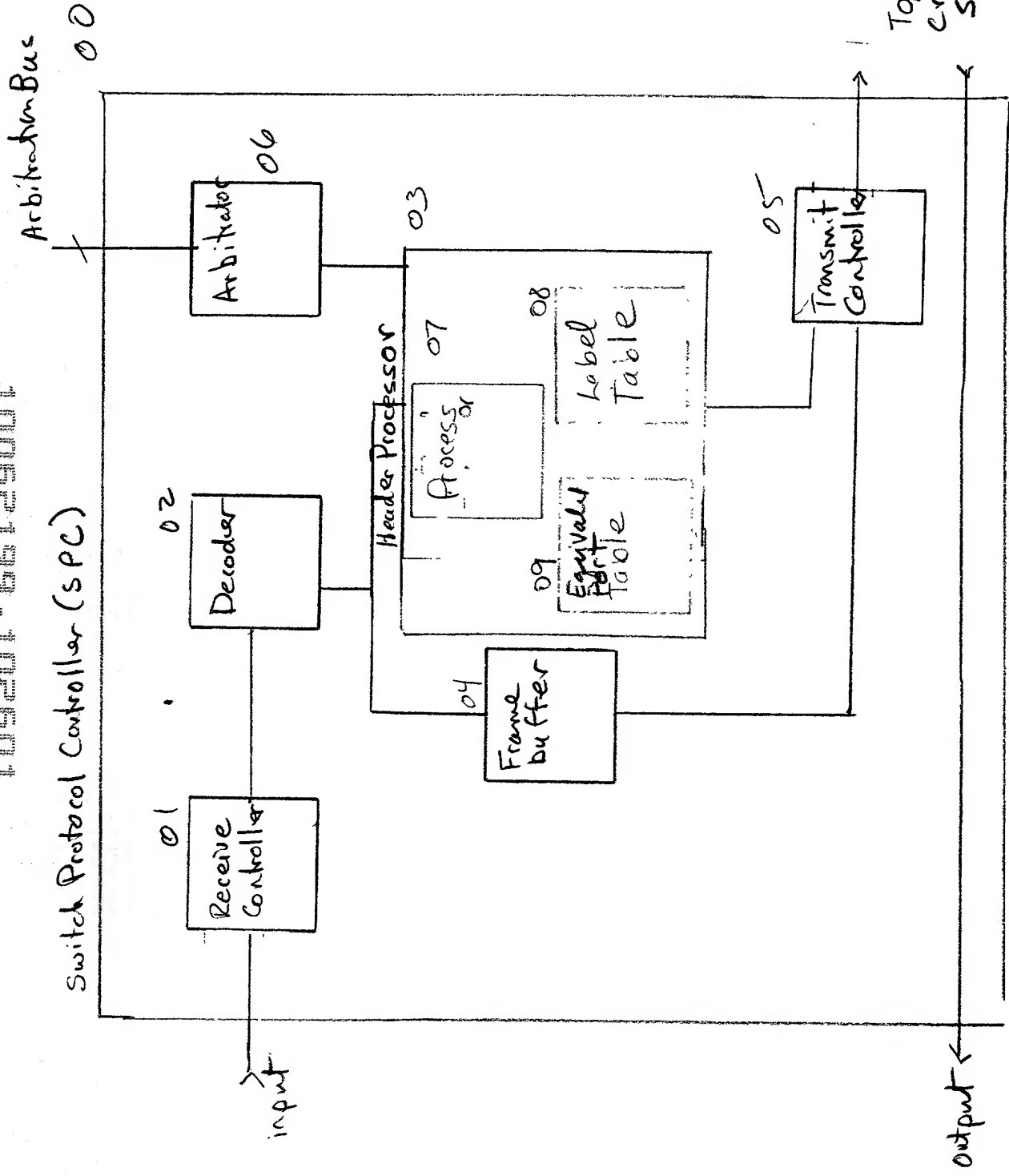


Fig 2

Labelable GETSET

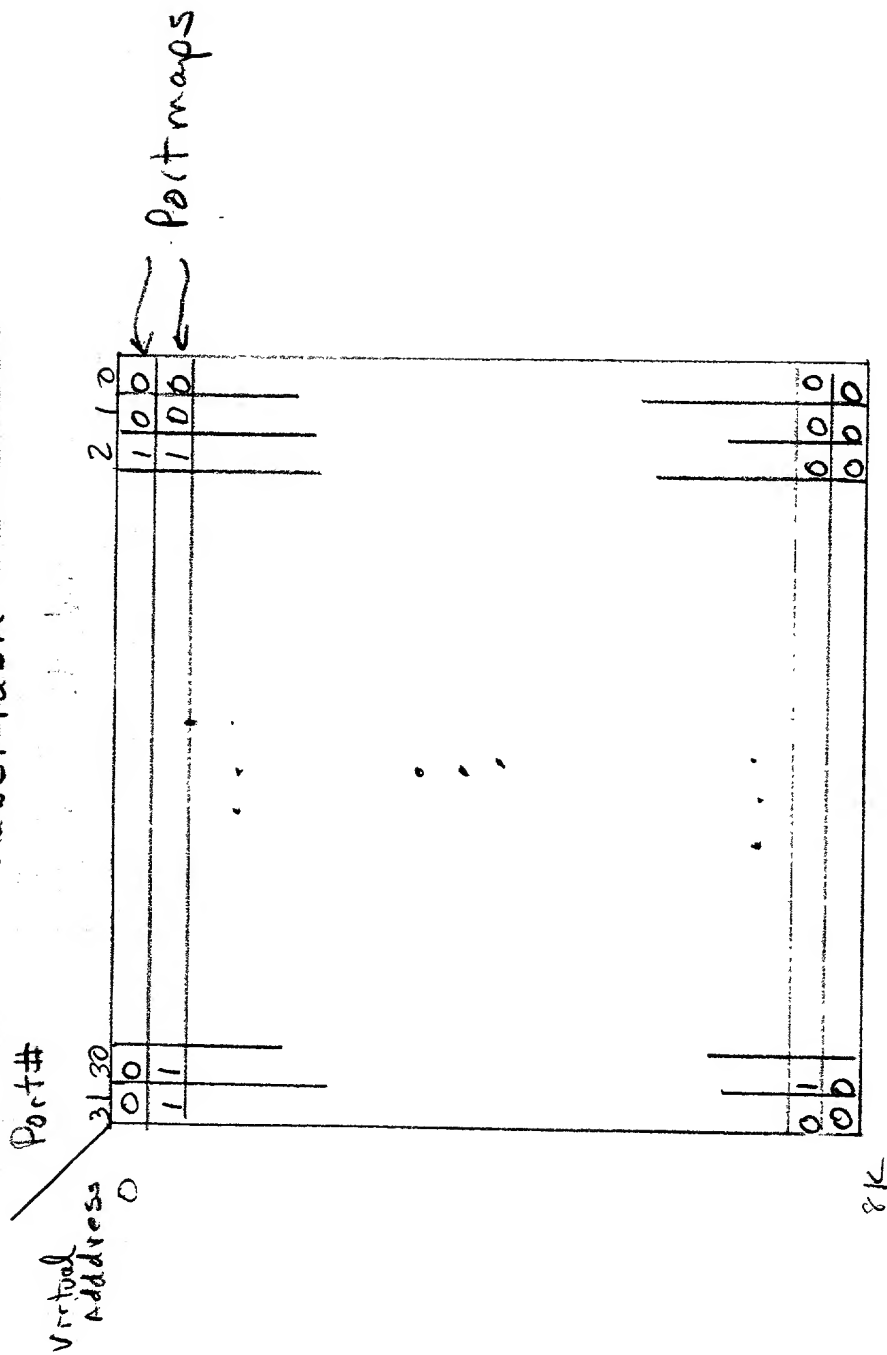


Fig 3

Frame

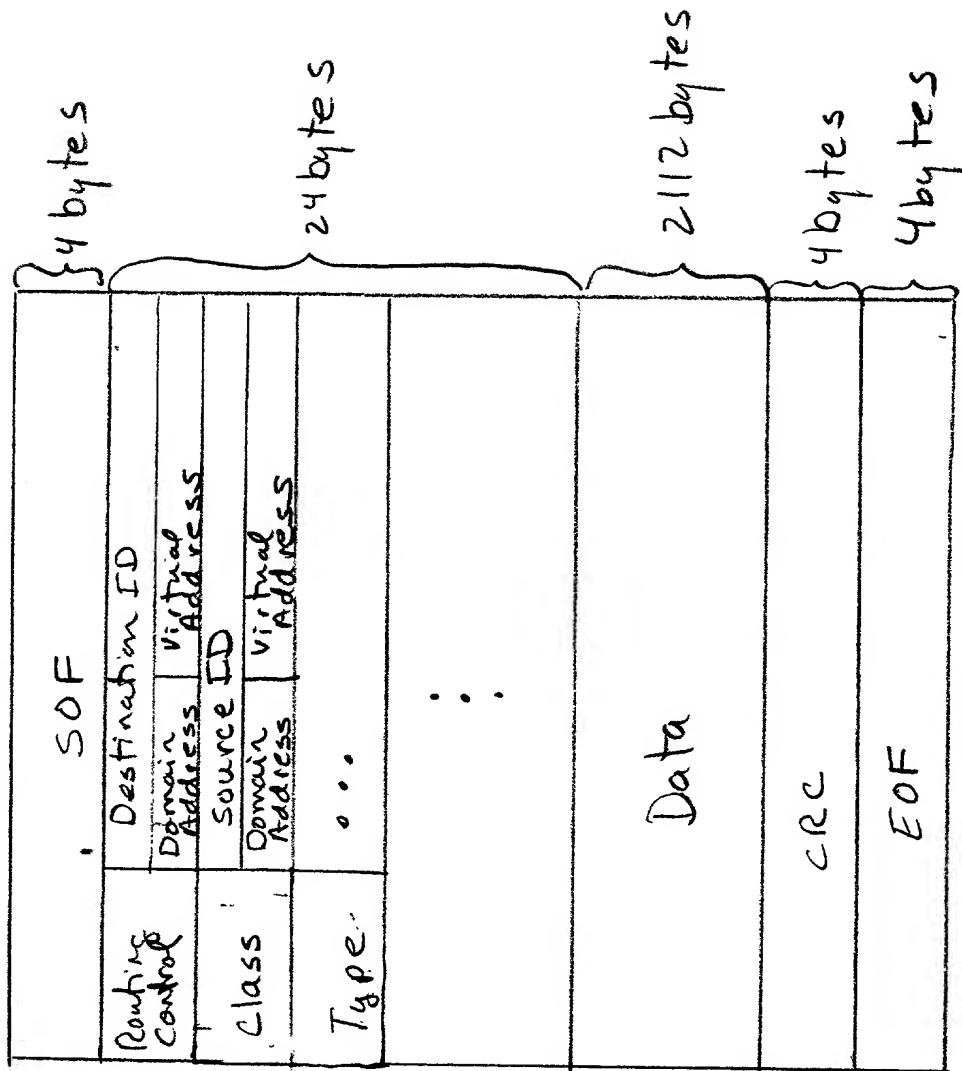


Fig 4

Arbitrate

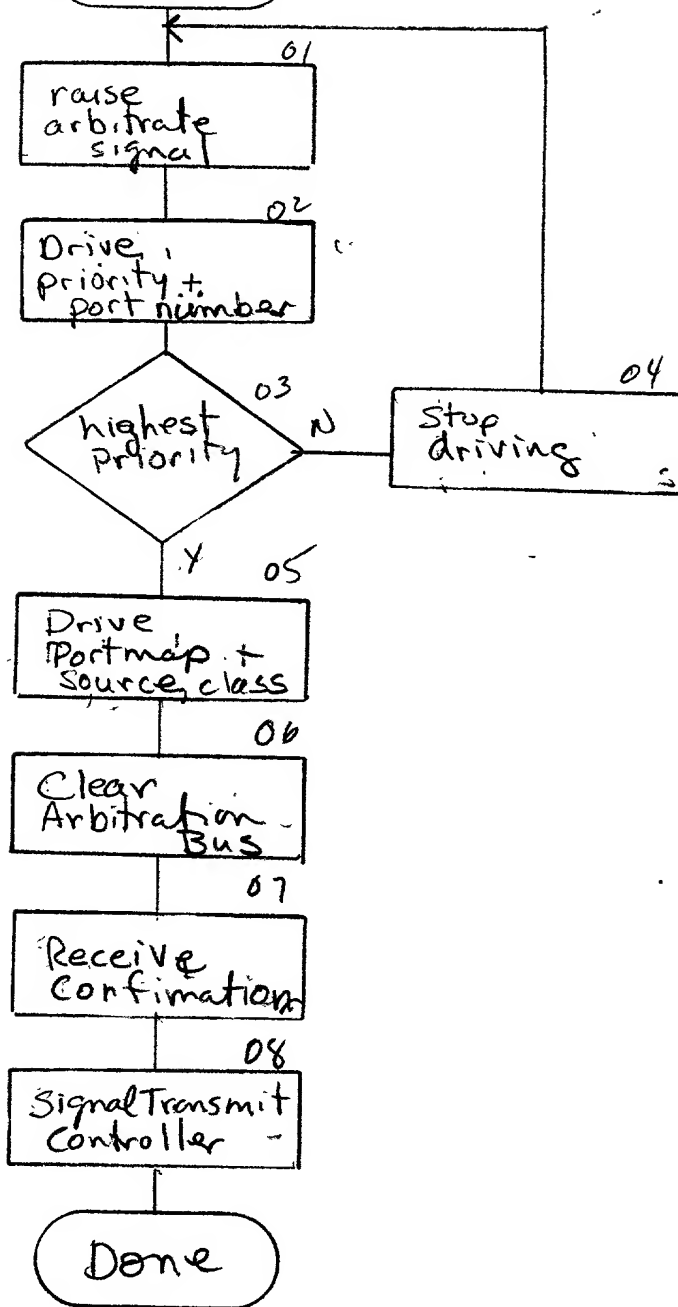


Fig 5

Transmission Controller 00

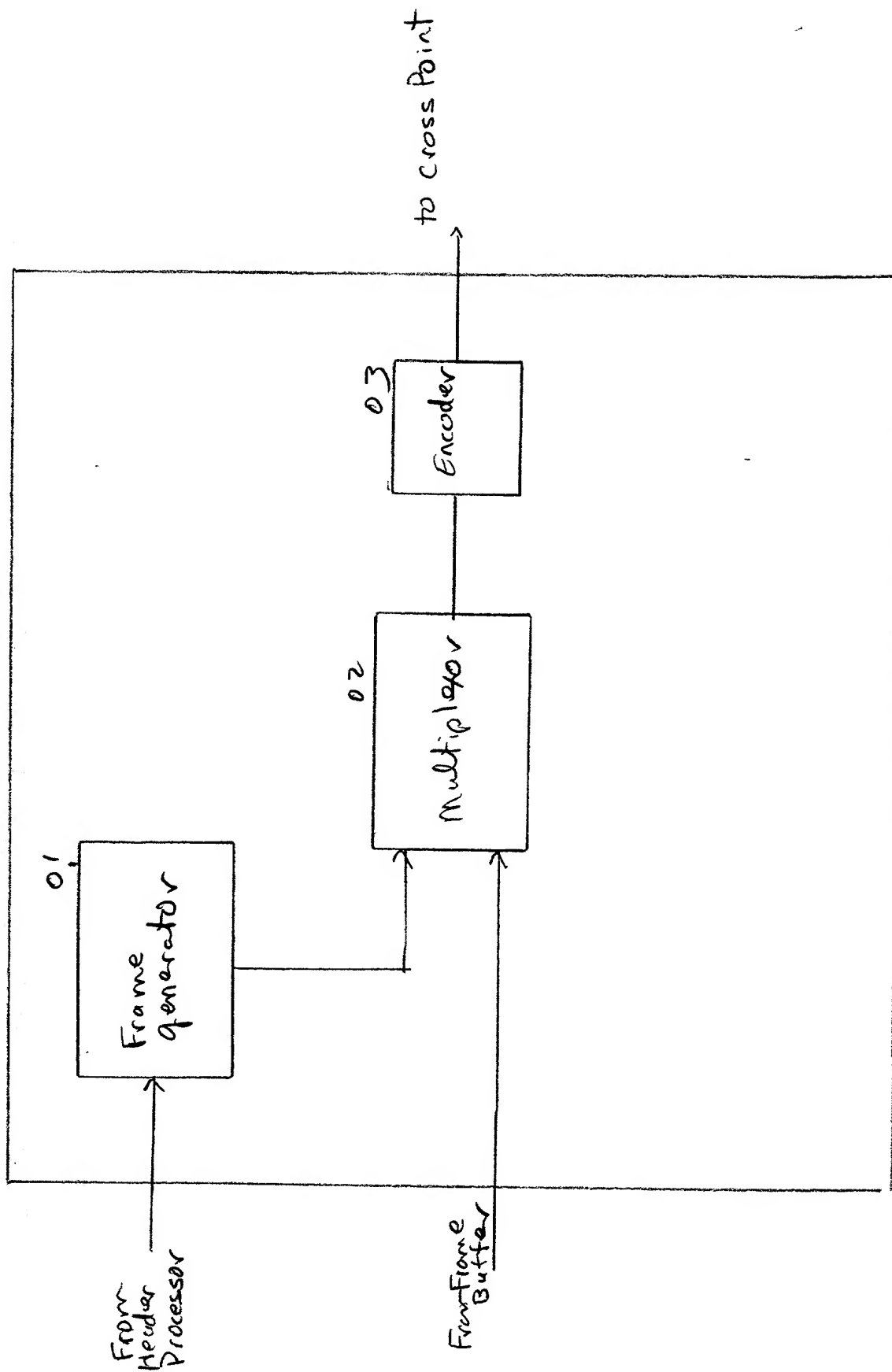


Fig 6

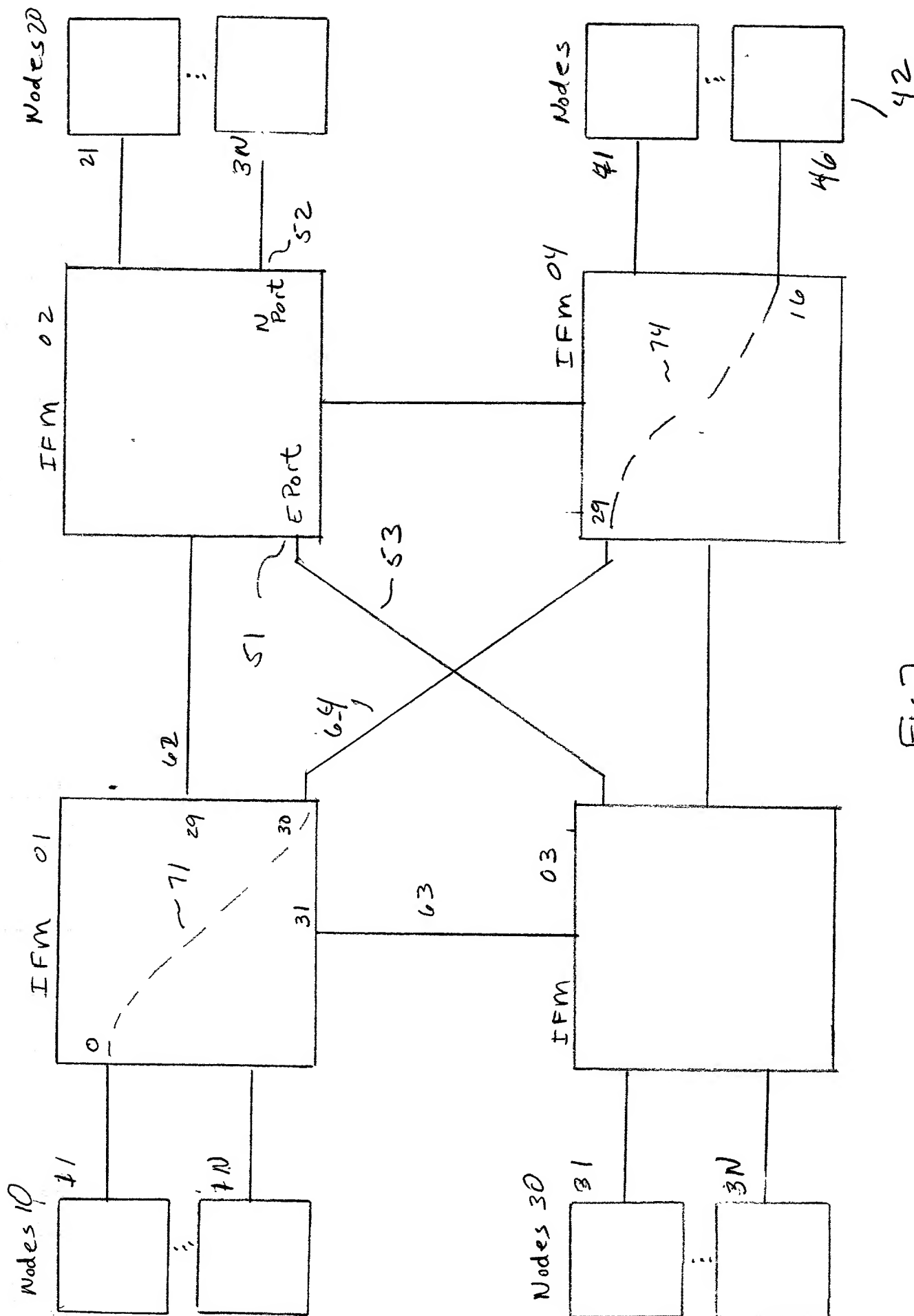


Fig 7

42

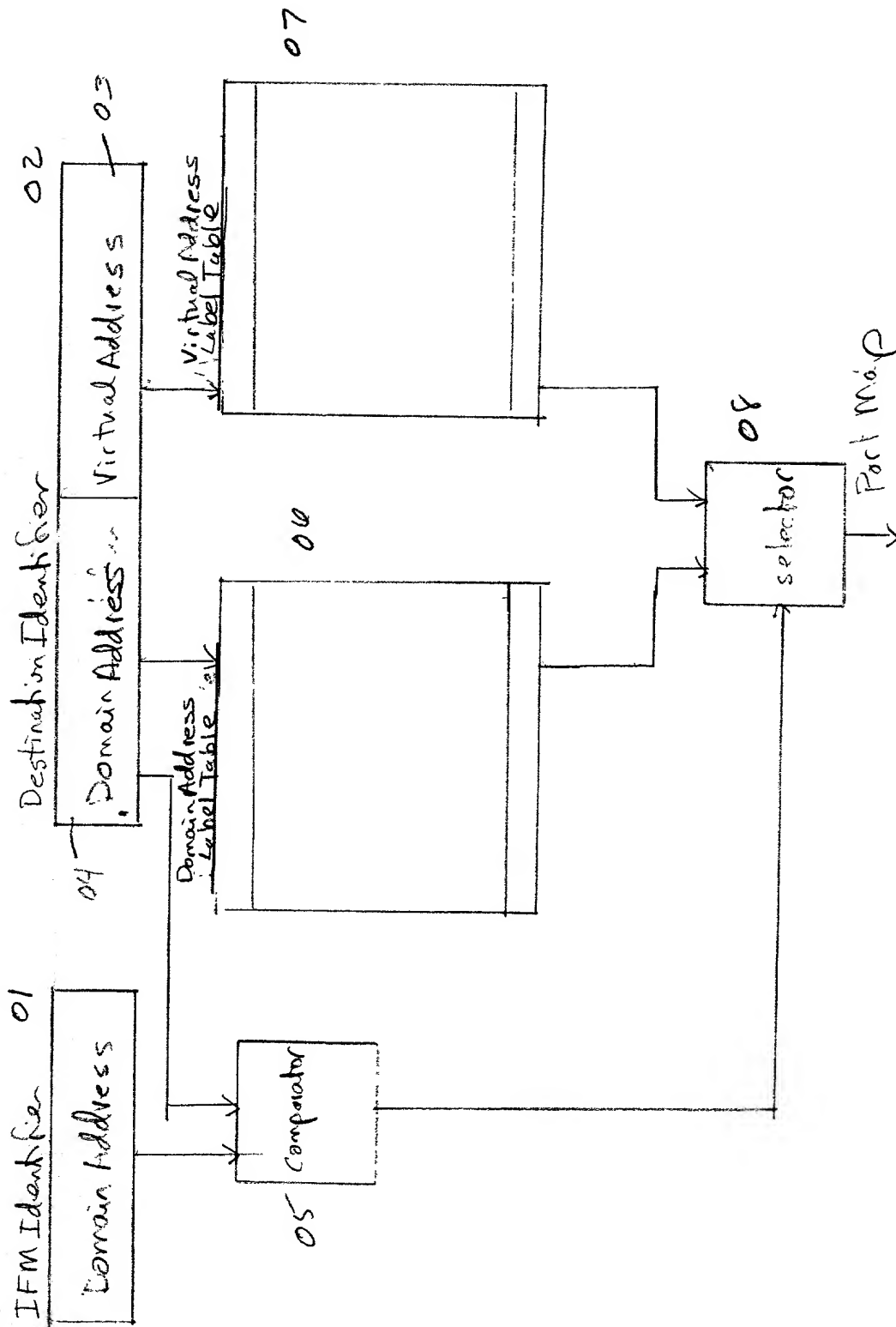


Fig. 8

Quad Switch Protocol Controller

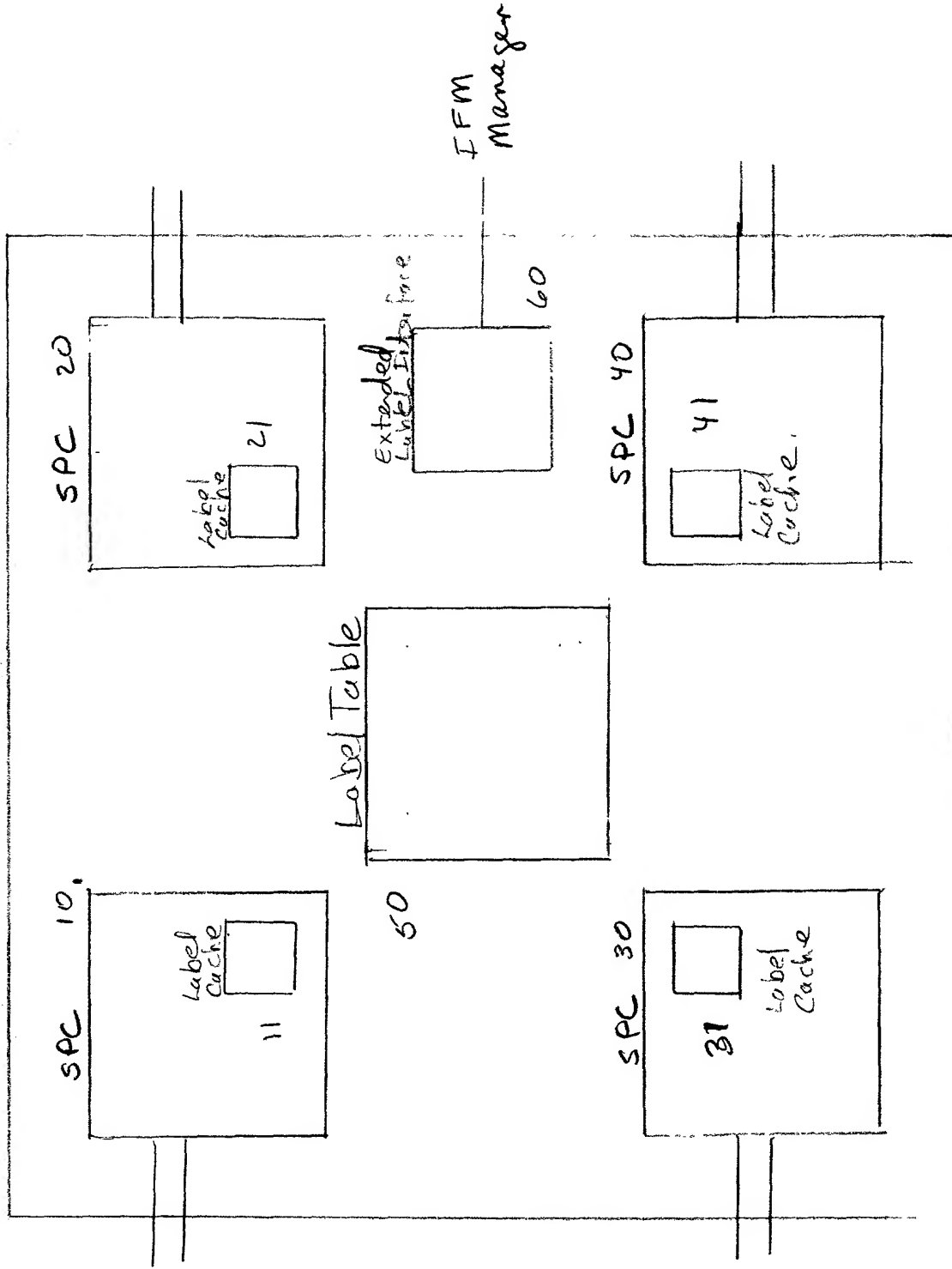


Fig. 9

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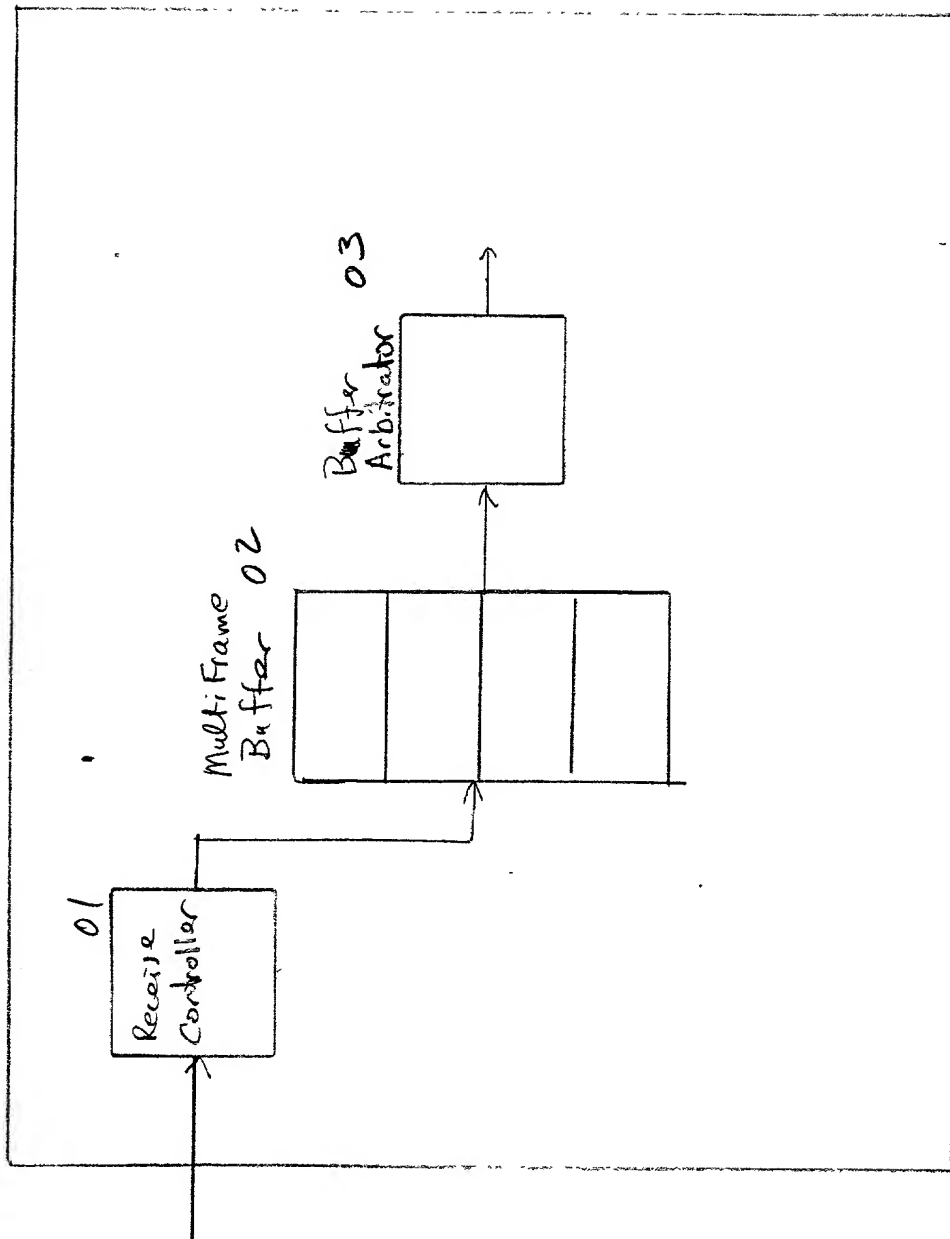
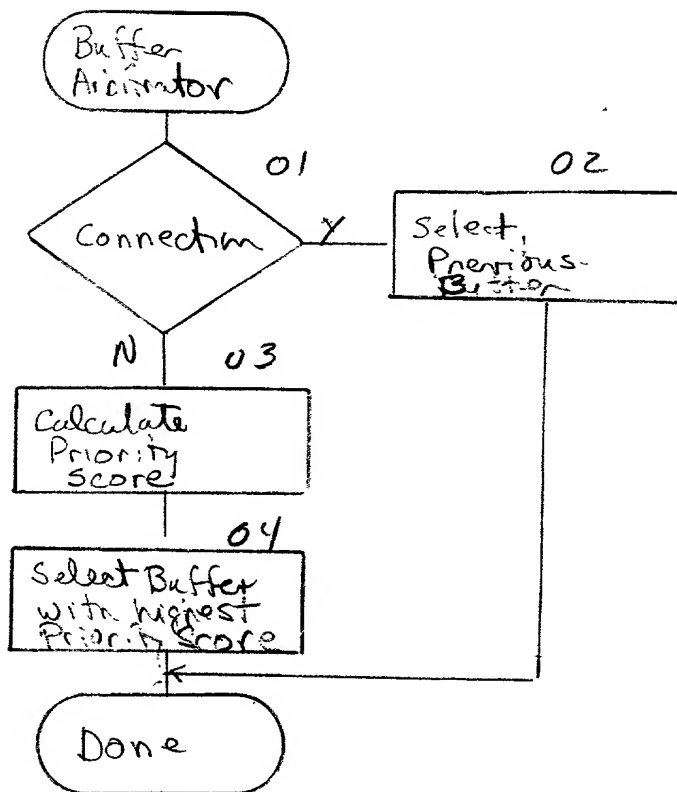


FIG 10

705 3111



F, 8 11

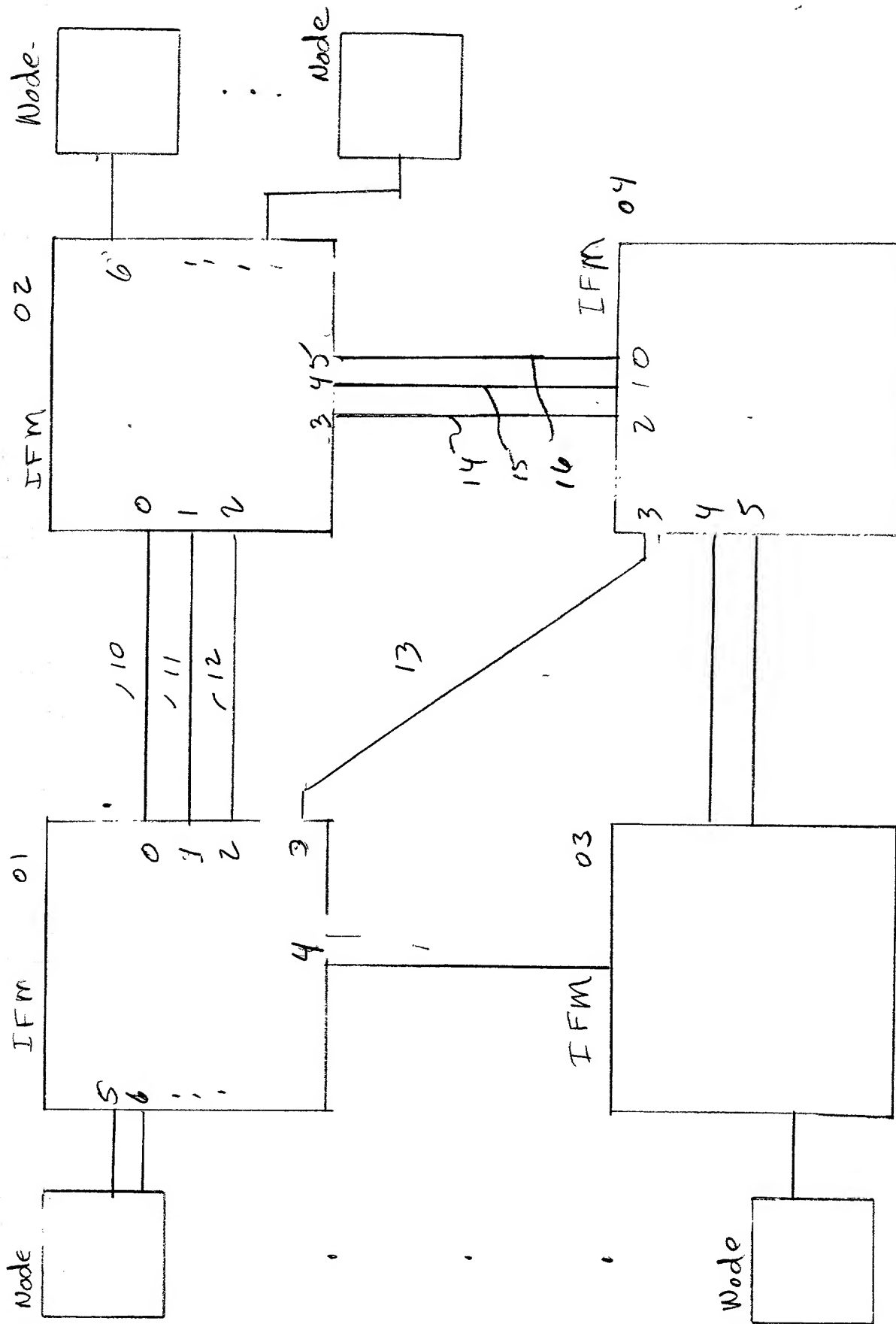


Fig 12

10062139-102601

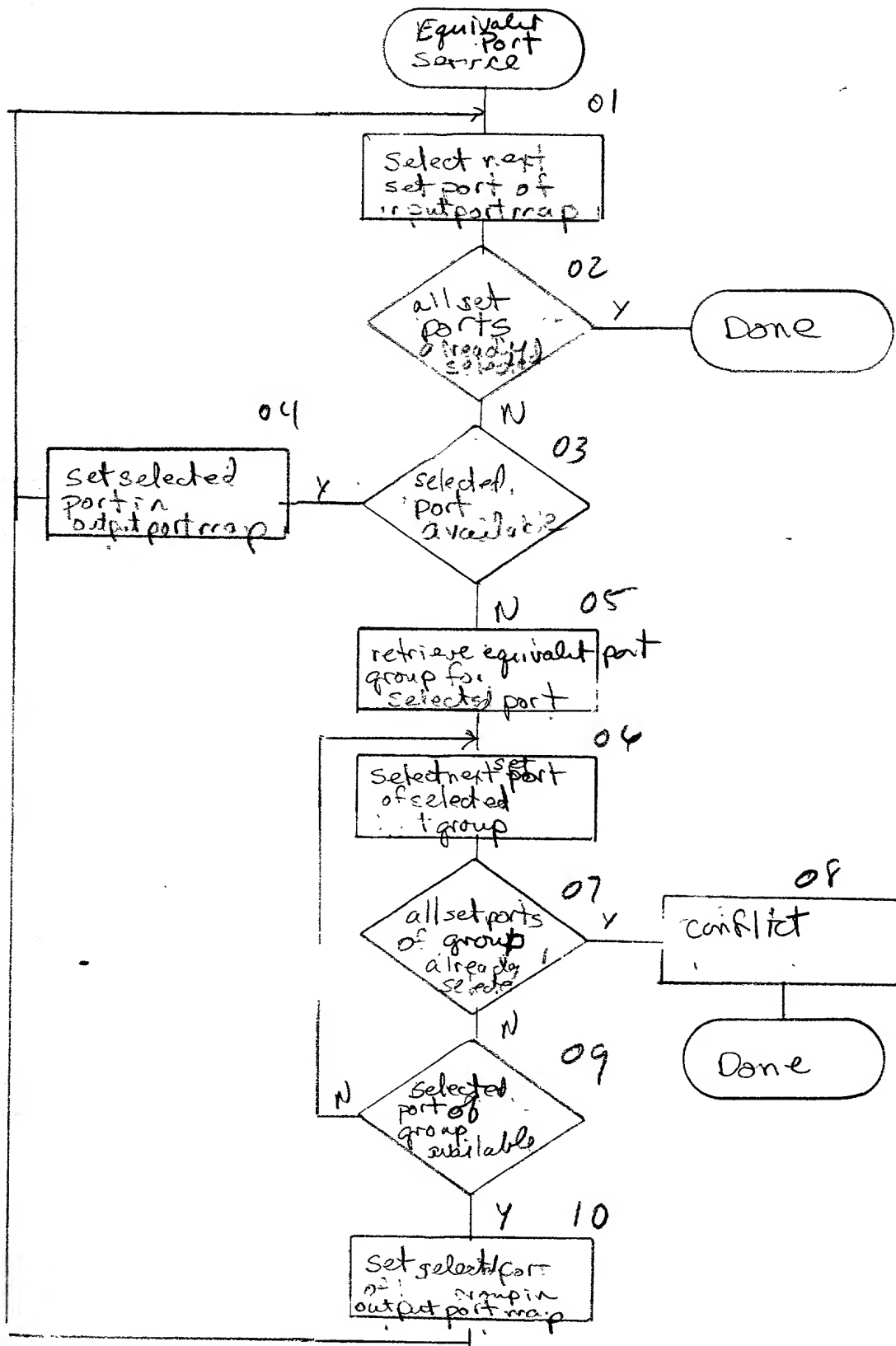


Fig 14

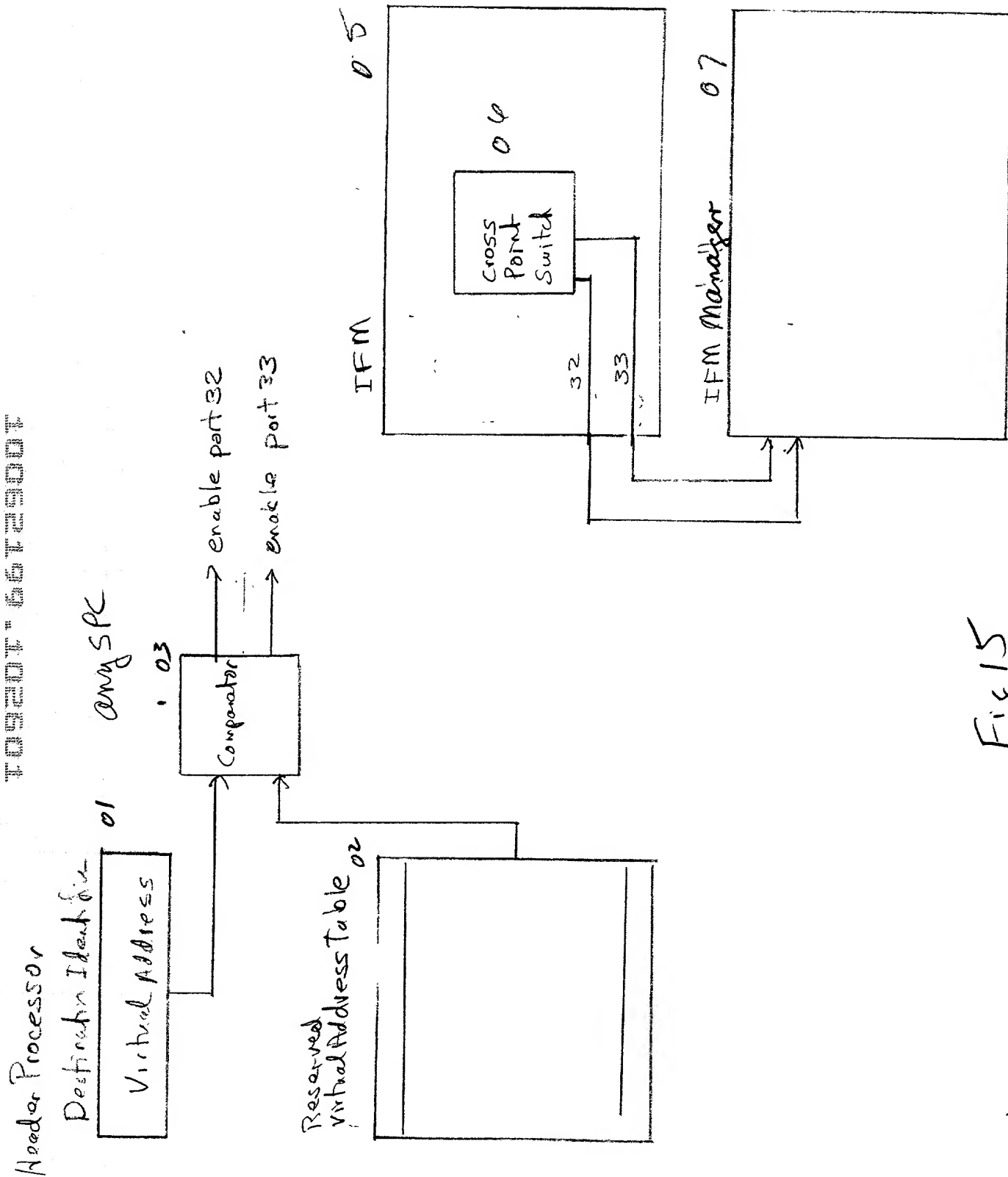
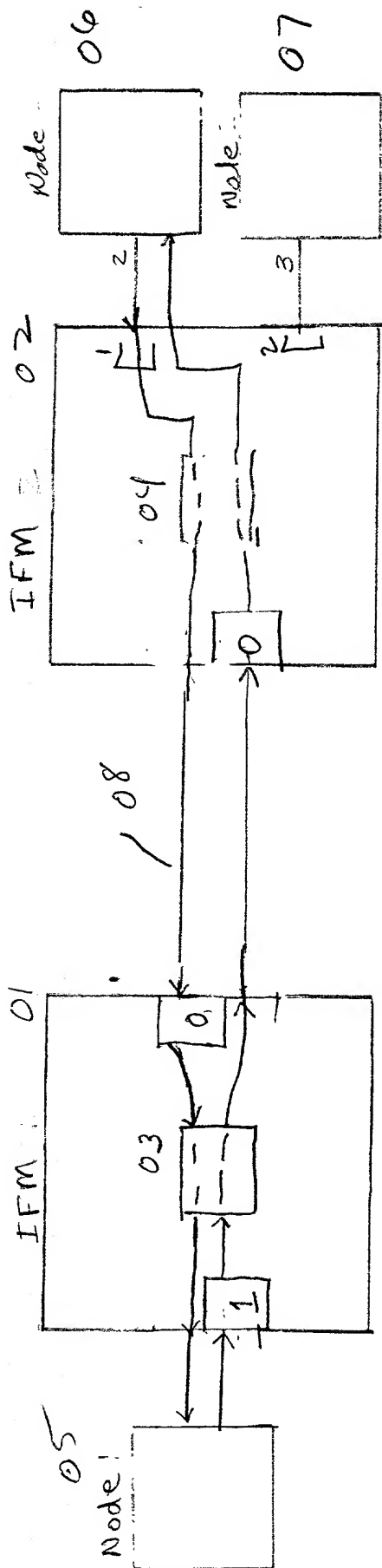


Fig 15



Deadlock

10

Time	Node 1405 IFR 1601	Node 1406 IFR 1602
0	Send start	Send start
	connect	connect

1	Connect $1 \leftrightarrow 0$	Connect $2 \leftrightarrow 0$
2	Forward start connect	Forward start connect
3	Can't forward start connect Node 1	Can't forward start connect

F1816

Avoid
Deadlock

When end-to-end
not established

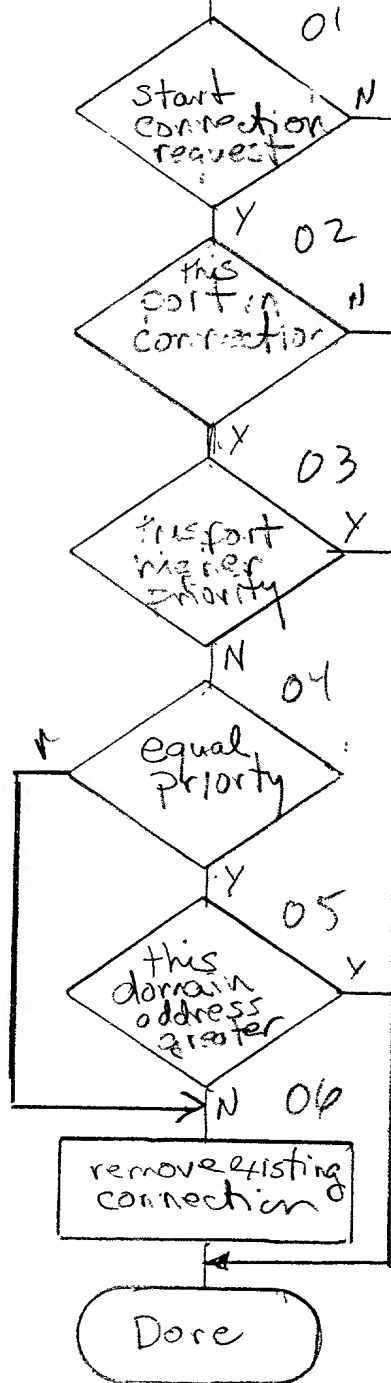


Fig 17

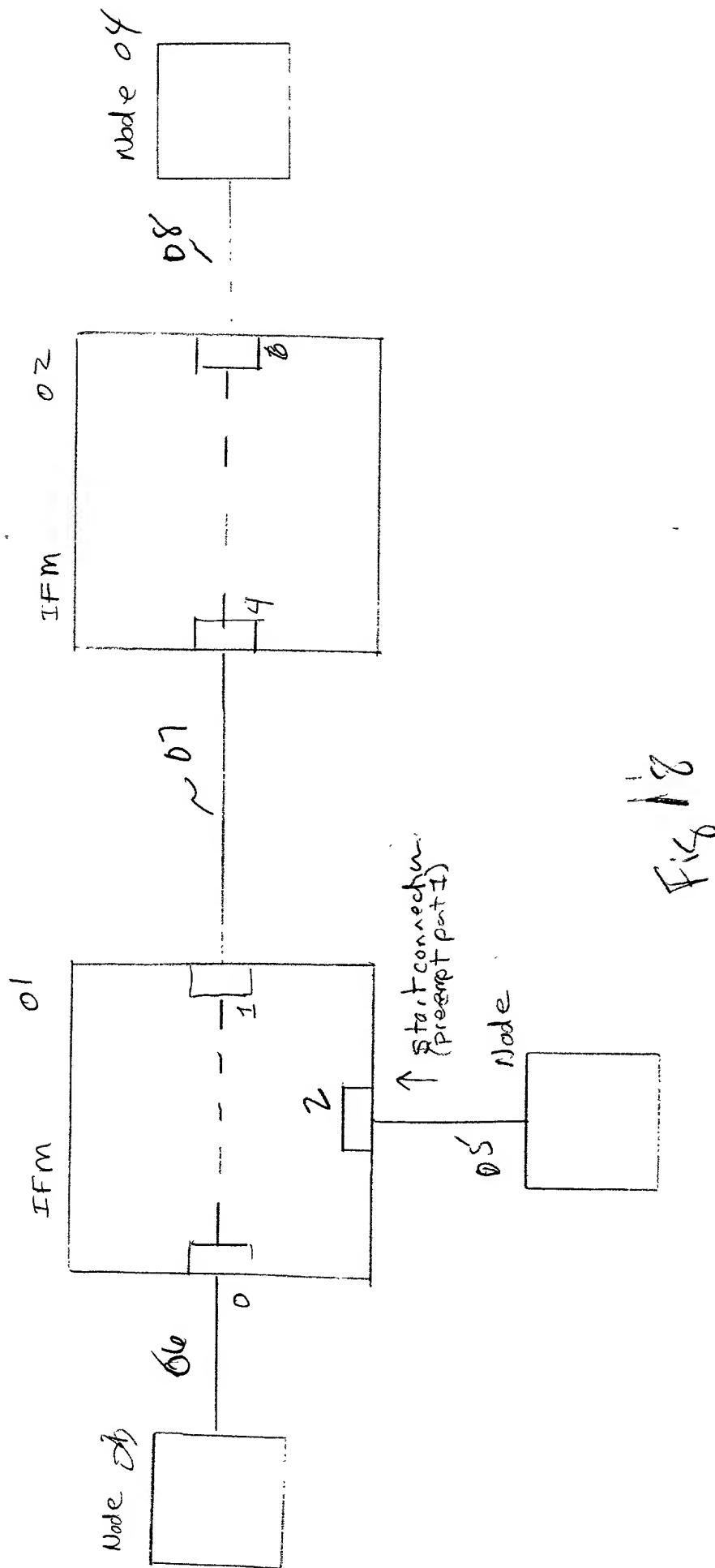


Fig 12

10062199-102601

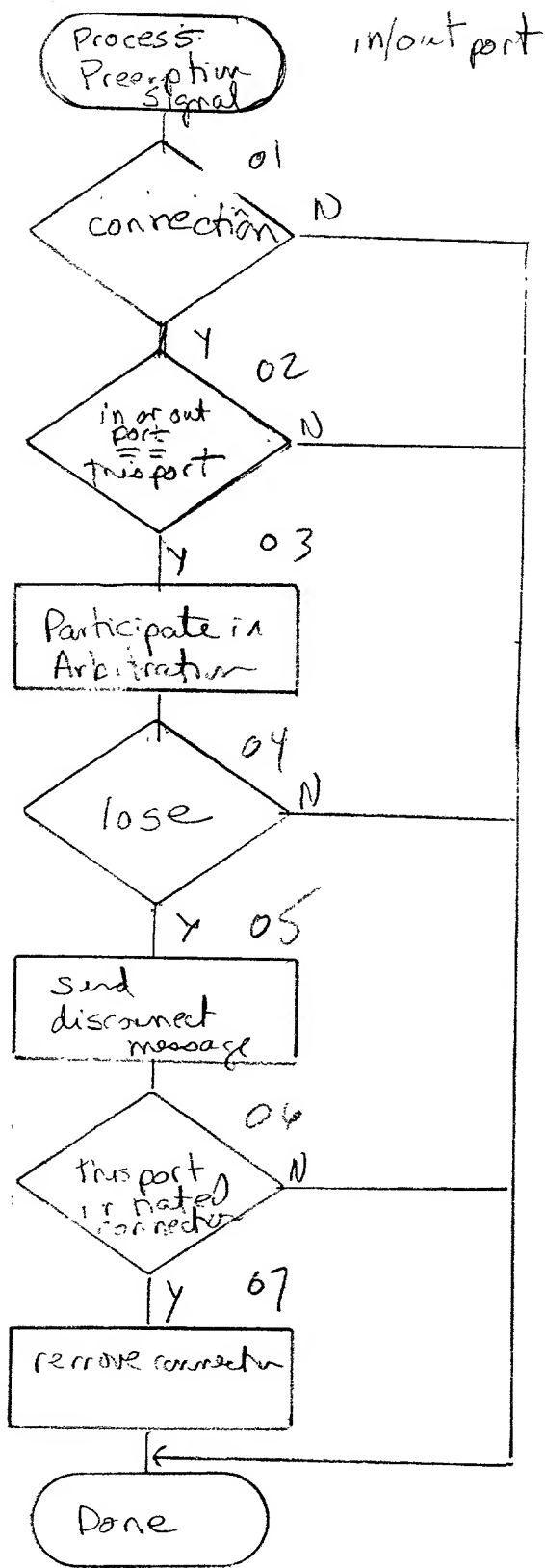


Fig. 19

10062199-102601
T0220T 06T22001

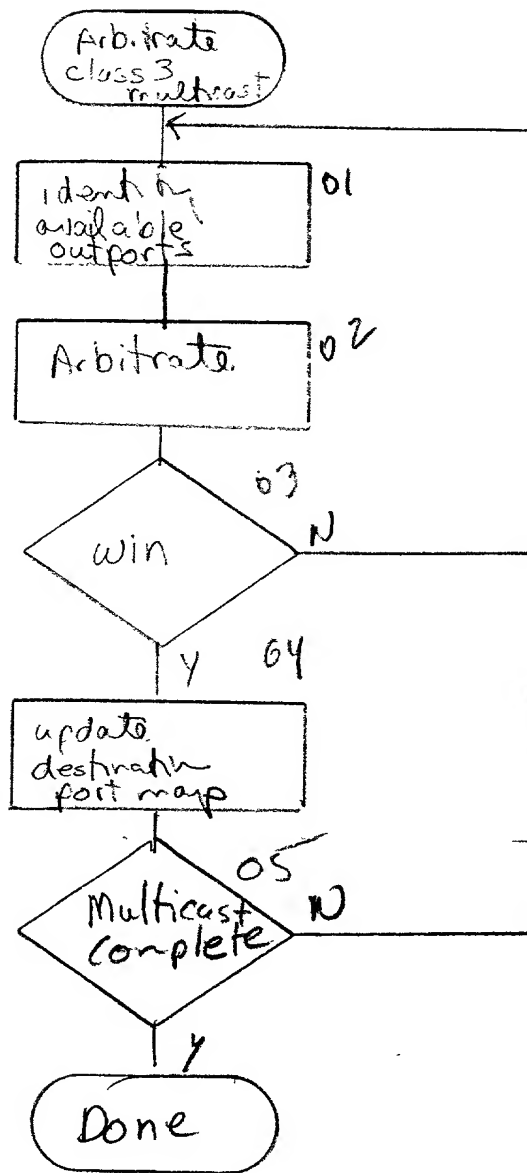


Figure 20